

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/14903

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04N7/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 526 299 A (WICKERHAUSER MLADEN V ET AL) 11 June 1996 (1996-06-11) cited in the application abstract column 1, line 45 -column 2, line 26	1-76
A	LE PENNEC E ET AL: "Image compression with geometrical wavelets" PROCEEDINGS 2000 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (CAT. NO.00CH37101), PROCEEDINGS OF 7TH IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VANCOUVER, BC, CANADA, 10-13 SEPT. 2000, pages 661-664 vol.1, XP010530701 2000, Piscataway, NJ, USA, IEEE, USA ISBN: 0-7803-6297-7 cited in the application the whole document	1-76

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"Z" document member of the same patent family

Date of the actual completion of the international search

16 June 2003

Date of mailing of the international search report

30/06/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 233 357 B1 (LEI SHAW-MIN ET AL) 15 May 2001 (2001-05-15) cited in the application column 1, line 21 -column 3, line 3 ---	1-76
A	DRAGOTTI P L ET AL: "FOOTPRINTS AND EDGEPRINTS FOR IMAGE DENOISING AND COMPRESSION" PROCEEDINGS 2001 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP 2001. THESSALONIKI, GREECE, OCT. 7 - 10, 2001, INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, NEW YORK, NY: IEEE, US, vol. 2 OF 3. CONF. 8, 7 October 2001 (2001-10-07), pages 237-240, XP001045559 ISBN: 0-7803-6725-1 cited in the application the whole document ---	1-76
A	STARCK J -L ET AL: "Very high quality image restoration by combining wavelets and curvelets" WAVELETS: APPLICATIONS IN SIGNAL AND IMAGE PROCESSING IX, SAN DIEGO, CA, USA, 30 JULY-1 AUG. 2001, vol. 4478, pages 9-19, XP002244432 Proceedings of the SPIE - The International Society for Optical Engineering, 2001, SPIE-Int. Soc. Opt. Eng, USA ISSN: 0277-786X the whole document ---	1-76
A	JEAN-LUC STARCK ET AL: "The curvelet transform for image denoising" IEEE TRANSACTIONS ON IMAGE PROCESSING, JUNE 2002, IEEE, USA, vol. 11, no. 6, pages 670-684, XP002244433 ISSN: 1057-7149 page 672, left-hand column, paragraph 2 - paragraph 4 ---	1-76

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/EP 02/14903

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5526299	A	11-06-1996	US 5384725 A	24-01-1995
			CA 2083158 A1	19-11-1991
			EP 0531455 A1	17-03-1993
			JP 5507598 T	28-10-1993
			WO 9118361 A1	28-11-1991
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